



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the First Tuesday of each month. Its at 6:30PM at the Golden Corral Restaurant, 6129 Glenwood Ave., Raleigh.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<http://www.rars.org/public-service.php>

frequently for our 2017
ham public service
schedule.

RARS General Meeting

Topic: Awards, RARS Birthday Party &
RARSfest Update, Ian Hewitt, N0IAN

Date: March 14, 2017

Time: Meeting at 7:30 p.m.

Informal gathering and refreshments from 7 - 7:30 p.m.

Where: Ridge Road Baptist Church. 2011 Ridge Rd., Raleigh
New HAM / Elmer meeting, 6:00 p.m. before member meeting

Tadd Torborg, KA2DEW, Elmer Coordinator

[Click here for more information.](#)

RARS President's Message

First thing please try to make this RARS Service Awards Meeting, I may surprise YOU.

An unbelievably warm February has come and gone and the March winds are upon us. I hope everybody got a chance to participate in the NC QSO Party on February 26th. Thanks to gracious hosts Joe (WA4GIR) and Liz (KO4CK) White I was able to make a handful of contacts in the waning hours of the contest.

Don't forget to set your clocks forward on Sunday, March 12th for Daylight Savings Time. Also, change your

[Continued on page 3](#)

RARS Officers

PRESIDENT

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NC4DK@yahoo.net

VICE PRESIDENT

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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: Second Tuesday of each month

Location: Ridge Road Baptist Church 2011
Ridge Road Raleigh, NC, 27607

Time: People begin arriving at 7 p.m. The meeting officially begins at 7:30 p.m.

RARS Monthly Dinner

All members and guests are welcome to the monthly (first Tuesday) RARS Supper, 6:30PM, at the Golden Corral Restaurant, 6129 Glenwood Ave., Raleigh. Informal and Dutch, just bring your appetite and best rag to chew. 73, Chuck, K4HF

RARS Repeaters in Raleigh

146.64-, 444.525+ (82.5) and

145.13- (82.5), (82.5 is the tone freq)

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

There is a net Listing on the RARS website click here. <http://www.rars.org/nets.php>

VE Testing

The RARS VEs will accept walk-in testing in February, May, August and November at 5:30PM, prior to RARS membership meetings at Ridge Road Baptist Church; the RARSfest in April; the Cary Swapfest in July; the JARS-Fest in November; and following RARS license classes. Please bring a photo ID, your original and a copy of your current license, your \$14 exam fee, and any valid CSCEs that prove passing elements beyond that of your current license. Visit www.rars.org for more information.

President's Message continued

UTC offset to -4 hours instead of -5. All of this means that springtime is fast approaching and Public Service season will be getting underway. Don't forget to volunteer for a few events this year.

In case you haven't started making your list, RARSfest is right around the corner on April 15th, at the Jim Graham Building on the NC State Fairgrounds. RARSfest is a great time to buy new equipment, sell old equipment, upgrade your license, attend forums to improve your knowledge of ham radio, and just to rag-chew with old and new friends. And since you're going to be there anyway, take a little time to volunteer for ticket sales, security, RARS Table, Stage, or one of many other positions required each year to make RARSfest a success.

As you probably already know, the new RARS patches are now available. Raymond (NC400) will have them available for sale at the sign-in table at the meeting.

73,

Dennis

NC4DK

RARS Birthdays

Carl	KJ4WD	03/01
Tim	KD4MBC	03/01
Jesse	AF4JB	03/01
Marty	W4MY	03/02
Barbara	KK4TLY	03/02
Robert	KI4MMT	03/05
Walt	K4ZVK	03/05
Sharon	KD4ACK	03/06
Karl	W4CHX	03/06
Adrian	KM4CSH	03/07
Rich	KR4AS	03/08
Kushal	KM4RND	03/09
Bob	WA4ZZN	03/12
David	KF4VXJ	03/12
Pam	KK4IPN	03/13
Tom	KJ4ULP	03/14
Larry	K4LXV	03/17
Roger	K4KLK	03/17
Eddie	WK4I	03/18
Murray	K4MHM	03/20
Chuck	KB4MDZ	03/21
Greg	KE4PAX	03/23
Edward	WQ2X	03/25
John	AF4ZE	03/30
Alan	KK4HUX	03/30
Zack	W4ZWA	03/31

Future Hamfests

A full list of Hamfests can be found at the [ARRL website](http://www.arrl.org).

03/10-11/2017 | [Charlotte Hamfest](http://www.charlottehamfest.org)

Location: Concord, NC

Sponsor: Mecklenburg Amateur Radio Society

Website: <http://www.charlottehamfest.org>

04/15/2017 | [Roanoke Division Convention \(Raleigh Hamfest\)](http://rars.org/rarsfest)

Location: Raleigh, NC

Type: ARRL Convention

Sponsor: Raleigh Amateur Radio Society

Website: <http://rars.org/rarsfest>

04/28/2017 | [2017 SVHFS Conference](http://svhfs.org)

Location: Charlotte, NC

Type: ARRL Convention

Sponsor: Southeastern VHF Society

Website: <http://svhfs.org>

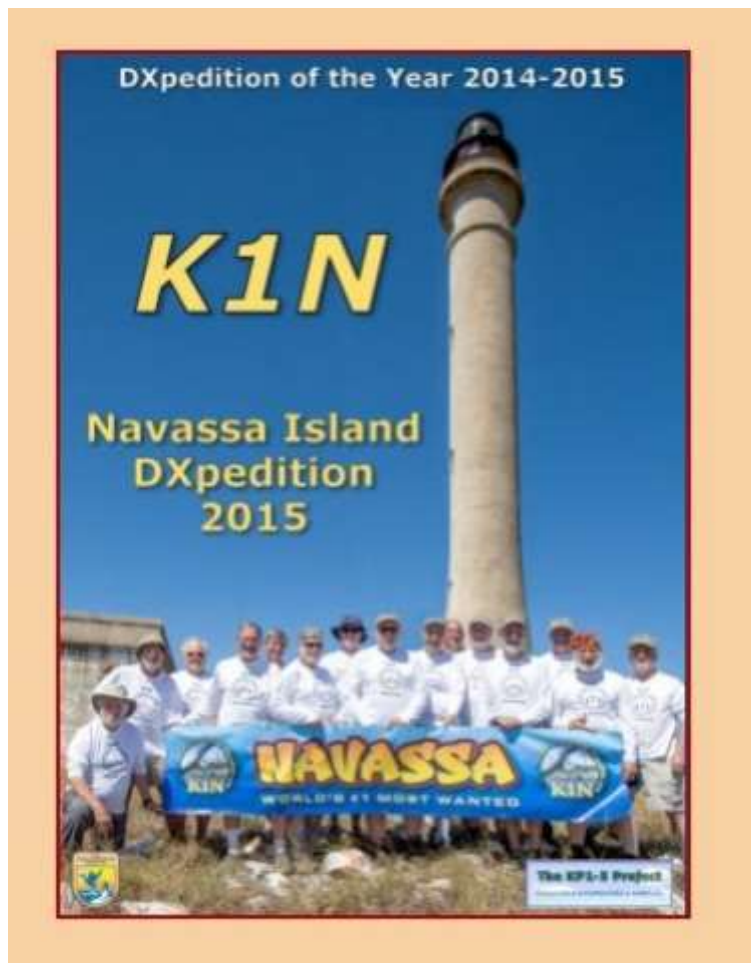
New Members

Ronald Bovender	KC4RB
Alan Edmunds	K1VZJ
John Sublette	K4TOO
Kevin Lawless	KN4BEG
Greg Peter	KN4BEH
Robert Bailey	KN4BIA
Dean Ancajas	KN4BED
Lannie Godwin	KK4QEF

February 14 RARS Meeting

The presentation for the February RARS meeting was a DVD about the 2015 Navassa Island Dxpediti-
tion. RARS member Gary Pearce, KN4AQ edited and narrated the DVD.

More information is available at this website <http://t-rexsoftware.com/k1n/main.htm>



Navassa Island information from the CIA's World Fact book on the internet.

This uninhabited island was claimed by the US in 1857 for its guano. Mining took place between 1865 and 1898. The lighthouse, built in 1917, was shut down in 1996 and administration of Navassa Island transferred from the US Coast Guard to the Department of the Interior, Office of Insular Affairs. A 1998 scientific expedition to the island described it as a "unique preserve of Caribbean biodiversity." The following year it became a National Wildlife Refuge and annual scientific expeditions have continued.

February 14 RARS meeting door prize winners



Don NJ2E (JT65 & JT9 manual), Tony K1OC (Remote Operating Manual)
and Alan AB4OZ (1979 Handbook)

Special Life Membership to RARS



Dennis NC4DK presented a plaque (to
Alan Pitegoff AB4OZ for his many contributions to the Club.

RARS Volunteer Testing Team



Joe White, WA4GIR; Liz White, KO4CK; Virginia Enzor, NC4VA;
Dennis Keith, NC4DK; Dennis Mason, WZ0Q; Lannie Godwin, KK4QEF

Two open positions unanimously approved by the membership.



John Stone K3RHJ, Public Service Director
and Carl Davis W8WZ, Education Director

New HAM / Elmer meeting

February 14th we had a new ham meeting at 6pm at the Ridge Road Baptist Church. Unfortunately the day fell on Valentine's Day so attendance was low. Those who did attend got some valuable insight into wire resistance and resistors in general. The attendees demonstrated and measured how thin wire loses more voltage over distance than heavier wire. We used a volt-ohm meter to check voltage, voltage drop, resistance, and the effects of resistors in parallel and series, and both a variable power supply and a Gel Cel as an energy source. We also talked about and demonstrated charting the Gel Cel, Current measured in Amps, Power measured in Watts, Voltage on Volts, and Resistance in Ohms.

$E=IR$ means voltage equals current times resistance. Or $I = E/R$ current equals voltage divided by resistance.

Why does E mean voltage measured in Volts and written as 12V ?

Electro-Motive-Force is Voltage. Thus the E symbol.

Intensite de Courant, as described by Andre-Marie Ampere, uses letter I in formulas, and Amps in measurement.

Elmers were: Fin NC4FG,
Alan AB4OZ, Tadd KA2DEW.

New hams were: Joe KM4WRQ,
Pam KM4WRN, Todd K4TDT.

Also we had: Nathan KM4DVE,
Richard N1FUA.



In March, Tom Lewis, N4TL is going to do a presentation on Worked All States. This is an ARRL sponsored award for hams who make contacts in all 50 states and who receive QSL confirmation from all 50 contacts. The WAS award is popular for hams who are just getting started in HF because it is so easy to make progress on, teaches many aspects of ham radio, and is a great introduction to many aspects of High Frequency operation.

This will be fun. See you on March 14 at 6pm!

73 Tadd / KA2DEW, tadd@mac.com Raleigh NC FM05pv

The New Hams meeting Continued

New HAM / Elmer meeting,

6:00 p.m. before the member meeting

Tadd Torborg, KA2DEW, Elmer Coordinator

The New Hams meeting is held every month before the regular RARs meeting. We'll try to start by 6pm. We try to address topics in a manner that will be of help to hams in their first year of operation.

Tadd / KA2DEW

tadd@mac.com

Raleigh NC FM05pv



Future RARS Presentations

3/14/2017	Awards, RARS Birthday Party (2/12/69) & RARSfest Update	Ian Hewitt, N0IAN RARSfest chair
4/11/2017	Dxpedition to St. Paul Island August 19 - 29, 2016	Will Roberts, AA4NC
5/9/2017	Sky warn Training	Virginia Enzor, NC4VA

45th Annual RARSfest ARRL Roanoke Division Convention April 15, 2017 at NC State Fairgrounds

Online registration is now open for the Raleigh Amateur Radio Society annual RARSfest and 2017 ARRL Roanoke Division Convention. We are still holding prices as they have been for several years and again this year you can save a few dollars on tickets and tables by taking advantage of bargain prices with early registration by April 8th. Early pricing is \$8.00 for tickets and \$18.00 for tables. Tickets price at the door will be \$10.00 and tables at the door will be \$20 while they are available. To order online or see more information about tickets and tables visit <http://rars.org/rarsfest/>

RARSfest will again be located in the 100,000 sq. ft. Jim Graham Building at the North Carolina State Fairgrounds, 1025 Blue Ridge Rd. from 8:00 A.M till 3:00 P.M on April 15th (Easter Saturday). Attendance has been steadily increasing since we moved back to this venue and we have currently been running between 1700 and 2000 in ticket sales making RARSfest one of the largest hamfests in the state. RARSfest attendance in 2016 was the highest in recent years, as was the number of flea market tables and the number of commercial dealer booths.

RARSfest is an all indoor event with free parking, about 50 booths for commercial dealers, a huge flea market, meetings and forums, door prizes, a restaurant, walk-in License Exams, hands-on construction projects, QSL checking, and more. Some of the presenters and speakers include ARRL local, and state officials as well as a special representative from ARRL HQ staff. We are also expecting more youths and Scouts this year and expect to expanded our support in those areas.

Dealer and flea market setup will be after noon on Friday, and on Saturday morning from 6-8 AM. As always, there will be a welcome reception for vendors and dealers on Friday evening from 7-8 PM in the Hamfest building.

Please keep an eye on the RARSfest website for updated information as it becomes available at <http://rars.org/rarsfest>

Youth Operated Station at RARSfest

There will be a Youth Operated Station at RARSfest. Bring your children and have them get on the radio. The HF, 2m and digital station will be supervised by Control Operators with Amateur Extra Class licenses.

RARS shirts

Be seen on the team at RARSfest. RARS shirts can be ordered online – see the RARS website at www.RARS.org.

RARS patches

RARS patches are available at the registration table at the RARS meetings - \$4.00.

From Murray K4MHM.

The Spectrum Monitor

<http://www.thespectrummonitor.com/february2017.aspx>

If anyone subscribes to this please let us know what you think of it.

73 Tom N4TL

Jameco

The Jameco website has a section called My Story. There is one named “A Passion for Ham Radio”. Currently the Ham Radio story is the third one down from the top.

<http://www.jameco.com/Jameco/workshop/MyStory/mystory.html>

Youth and Family Preparedness Day



Photo from Pam Kelly.

Murray K4MHM, Joe KM4WRQ and Donna KM4WRP (left to right) informed attendees of the Youth and Family Preparedness Day at St Paul AME Church in Raleigh. The event was co-directed by Pam KM4WRN and held on Saturday March 4.

Thanks to Murray for sending this in.

The Radio Amateur's Conversation Guide

Title: The Radio Amateur's Conversation Guide

<http://www.qsl.net/k8zt/racg/racg.html>

This guide has numbers and common ham radio phrases in English, German, French, Italian, Spanish, Portuguese, Russian, Russian Phonetically, and Japanese.

Every ham should have this reference.

Thanks to PeteR N8PR for posting this to a DX reflector.

Raleigh Amateur Radio Society
Board of Directors Meeting Minutes
January 17 , 2017

The Board of Directors of the Raleigh Amateur Radio Society met Tuesday, January 17, 2017, at Ridge Road Baptist Church. President Dennis NC4DK called the meeting to order at 7:00 p.m.

Present: Dennis NC4DK, Tom N4TL, John AI4RT, Murray K4MHM, Chuck K4HF, Marty W4MY, Raymond NC4OO, Ian N0IAN, and Bob NC1X, which group did represent a quorum. Also present were visitors Alan AB4OZ and John Stone K3RHJ.

There was no Board Meeting in December 2016. The minutes of the November 15, 2016 Board of Directors meeting were approved as corrected by the Board.

Vice President: Tom N4TL reminded all that the deadline for the next Exciter is February 4th. Please submit articles to Tom before then. Next month's program will be Ham Radio and Small Drones, by Tiia, KM4CMQ. In April, Will, AA4NC, will describe a 2016 DX-pedition to St. Paul Island that he was a part of. St Paul Island is north of Nova Scotia Canada.

Treasurer: Greg KE4PAX: (By E-mail) - Current membership is 347 including 13 honorary and 7 complimentary members. The board then reviewed the report of the society's financial position. Expenditures to the International Minute press were discussed as the reported disbursement does not match prior estimates. For additional details contact Greg or Dennis NC4DK.

Secretary: Bob NC1X – no report

Directors Reports:

Public Service: John AI4RT – John tendered to the President his resignation from the board effective January 31, 2017. He is moving out of state. He presented the Board with a Transition Plan, proposing John Stone, K3RHJ as his replacement. Tom N4TL moved that the board recommend John Stone K3RHJ as interim Public Service Director upon the resignation of John Snellen AI4RT effective January 31, 2017. The motion was seconded and unanimously approved.

Education: (the position is unfilled)

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PIO: not present

Immediate Past President: Murray K4MHM expressed concern over the length of the term of immediate past presidents. Dennis NC4DK observed that as the term of the President is two years, the immediate past president remains in that position for two years also.

Directors at Large-

Joanne – no report

Raymond – no report

Marty – no report

Other Reports:

Scouting Coordinator – Charles - not present

FM Repeater: Karl W4CHX: no report

Exciter – Tom N4TL – see Vice President’s report above

Food Service Chair – Bill AK4BL – not present

ARRL Liaison – Chuck K4HF – no report

ARRL NC Section manager – Karl –no report

Webmaster – Hank K4HM – not present

RARSfest Chair – Ian N0IAN – Committee leads have been filled. Forms have gone out. Tickets are at the printers. The ARRL has not yet confirmed their speaker. The next planning meeting is January 23rd.

Field Day Chair – Marty W4MY –Field Day will be the 24th and 25th of June. The location is engaged. Band captains have been appointed. GOTA and digital will be inside the building.

NC QSO Party – Marty - he needs the RARS artwork for the NCQP award. The NC party will be Sunday, Feb 26, a day after the SC Party. Bonus station will be NC4QP.

W4DW/W4RNC Trustee – Jeff - no report

Net Manager – Mary - no report

Old Business

A. Club Patches – Murray: The 100 new patches are priced from the supplier at \$341. He suggests we price them at \$4.00 per patch. A motion to sell the patches for \$4.00 each was seconded and approved. Raymond NC4OO will provide dollar bills for change at membership meetings which is where they will

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mostly be sold.

B. New RARS Brochure Dennis NC4DK will confer with Greg KE4PAX over the apparent price discrepancy, and with Charles KM4AMT to determine the status of the printing.

RARS Emergency Page on Website – Murray K4MHM: RARS does not have an emergency component, but there is member interest in emergency service. Our website should describe how one can get involved in emergency service. Parts of Murray's proposed page need to be updated, so John K3RHJ will review the offering before it is submitted to the webmaster.

Additional business

The next RARS Board meeting will be February 21, 2017, at the church

The Board Meeting was adjourned by President Dennis NC4DK at 9:00 p.m.

Respectfully Submitted

Robert E Chapman NC1X

RARS Secretary



You are getting verry sleepy
I made this myself from plans in CQ
Early Field Day attire
Hands are free, head is warm
I think I just sat on the aerial
I just can't stop laughing !

MINUTES
Raleigh Amateur Radio Society
General Membership Meeting
February 14, 2017

The monthly membership meeting of the Raleigh Amateur Radio Society met at the Ridge Road Baptist Church in Raleigh. The meeting was called to order by President Dennis, NC4DK, at 7:32 p.m. There were 40 members present.

There being a quorum present, a motion to accept the minutes of the January 10, 2017 and December 13, 2016 meetings, as published in the Exciter, was made, seconded and approved.

Vice President: Tom N4TL announced that next month's meeting will have RARS Awards and the RARS Birthday Party (2/12/69). Also Ian Hewitt NO1AN, the RARSfest chair, will give a RARSfest Update.

Treasurer: Greg, KE4PAX, reported we have 356 members this month. He also summarized the financial state of the Society. Anyone desiring additional treasury information may contact Greg for details.

Secretary: no report

Alan AB4OZ announced he will hold a ten-meter net on 28.364MHz at about 9:00 p.m. after the tech & traders net on Saturday, Feb 18. All hams with proper licenses are welcome to participate.

Continuing Announcements:

The RARS Dinner takes place monthly on the first Tuesday (next: March 7), at 6:30 p.m., at the Golden Corral, 6129 Glenwood Ave.

The RARS Board meeting takes place monthly on the third Tuesday (next: February 21) at 7:00 p.m. in a conference room here at the Church. Members are invited to attend.

An After-meeting gathering takes place after each Membership meeting, at Applebee's, at Hillsborough and Gorman Streets.

A New Ham / Elmers meeting with new hams and anyone interested takes place before each membership meeting, at 6:00 p.m. at the church. Today's activity included Power Supplies and compo-

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nents.

Board & Committee Reports:

Public Service: No report. Dennis NC4DK announced that John AI4RT has resigned due to moving to Georgia. John Stone K3RHJ is the new Public Service Director (see New Business, below).

Education Director: No report. Carl Davis W8WZ is the new Education Director (see New Business, below).

Field Day: Dennis NC4DK reminded the club that Field Day will be June 24 and 25, and will be at the new location, the Raleigh Police Club.

FM Repeater (Karl W4CHX): The hardline ordered for the RTP repeater location has arrived at the riggers who will install same. Karl is completing a full inventory of the Club's dispersed equipment. Jack Foster's estate gave the club a good 2M duplexer.

RARSfest: Dennis NC4DK reminded the members that RARSfest is only 2 months away (April 15) and asked for volunteers for many open positions.

N.C. QSO Party: Charles WB4DCM reminded the members that the QSO Party will be Sunday, February 26, from 10 a.m. until 8 p.m. Joe WA4GIR and Liz KO4CK will have a station at their house, where members are welcome.

At Large Directors: no reports

New Business: The Nominating Committee placed in nomination John Stone K3RHJ to be Public Service Director, and Carl Davis W8WZ to be Education Director. After nominations were closed the elections of K3RHJ and W8WZ were moved, seconded, and unanimously approved by the membership.

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Dennis NC4DK announced that at the earlier special Board of Directors meeting, the Board voted to recommend Special Life Memberships to John Snellen AI4RT and Alan Pitegoff AB4OZ. A motion was made to confer Special Life Membership to John Snellen AI4RT, which motion was seconded and approved unanimously by the membership. A motion was made to confer Special Life Membership to Alan Pitegoff AB4OZ, which motion was seconded and approved unanimously by the membership. Dennis NC4DK then presented a plaque to John Snellen (in absentia) recognizing his Special Life Membership and his contributions as Public Service director and many other positions and contributions to RARS over the years, and a plaque to Alan Pitegoff AB4OZ recognizing his Special Life Membership and his many contributions to the Club.

Guests: Barbara Cook (member spouse), Lannie Godwin KK4QEF and Kevin Estep KN4AAG.

Door prizes were won by: Alan AB4OZ, Don NJ2E, and K1OC.

Program: Tom N4TL presented a DVD program on the Navassa K1N DXpedition of February, 2015.

The meeting was adjourned by President Dennis at 9:06 p.m.

Respectfully Submitted,
Robert E Chapman, NC1X
RARS Secretary



Public Service

Hi Everyone,

The 2017 Ham Public Service season is here again. We have many old and some new events on board for this season. The Ham Public Service Calendar is beginning to fill up. Check frequently for events as they are added to the event list - pick a few events you like and fill out the volunteer form at the top of the webpage.

As always, we appreciate and respect your volunteer time, and in return, you will receive a great amount of personal and amateur radio satisfaction through your volunteer efforts in helping provide communication for the fundraisers.

We are a service organization ... let's show the community we care by volunteering to help with their fundraisers.

Have fun, play radio and help some worthwhile organizations.

Check the calendar and volunteer at:

<http://www.rars.org/public-service.php>

73,

John K3RHJ

Public Service Continued on the next page

Current Public Service Opportunities

The RARS website has an up-to-date list of Public Service events and a form that can be filled out to volunteer. <http://www.rars.org/public-service.php>

The Ham Public Service Net. We will use the following repeaters in the Carolina 440 Link System:

441.725(+)(100) – Raleigh, NC Hub
443.450 (+)(100) – Cane Mt., Snow Camp, NC
444.325 (+)(100) – Holly Springs, NC
444.375 (+)(100) - Henderson, NC
444.550 (+)(100) – Coats, NC
444.775 (+)(100 – Cary, NC
444.875 (+)(100) – Wendell, NC
145.330 (-)(100) – Goldsboro, NC
442.250 (+)(107.2) - McCain/Southern Pines, NC
444.200 (+)(179.9) - Johnsonville, NC
444.025 (+)(100) - Benson, NC
442.425 (+)(100) - Buxton, NC

(The net is also accessible through IRLP Reflector 9210)

The Ham Public Service Yahoo Group link is: [Ham Public Service North Carolina](#)

Choose the event(s) for which you would like to volunteer and complete the sign-up form at the RARS website .. note... one form for EACH event that you are volunteering. We are glad you are back.

*** TO VOLUNTEER FOR ANY OF THESE EVENTS ON THE NEXT PAGE FILL OUT THE FORM AT <http://www.rars.org/public-service.php>**

2017 Ride for the Rock

March 25, 2017 - Saturday - Cary, NC

There are 50K and 100K routes for this bike event that require SAGS, as well as Hams assigned to pit stops. This event raises funds to help support Mark Ornitz and his family. In 2005 Mark suffered a brain injury due to a cycling accident during a race.

* Location: Whole Foods, 102B New Waverly Place, Cary, North Carolina 27518

* Ham Coordinator: Wally Smith (KJ4UKV)

* Website: [Ride for the Rock](#) Webpage

* **TO VOLUNTEER FILL OUT THE FORM AT <http://www.rars.org/public-service.php>**

2017 Spring Fling

April 1, 2017 - Saturday - Cary, NC

This is a 25, 50 and 100 mile bike event that requires SAGS, as well as Hams assigned to Rest Stops. This is the first fund raising event of the season sponsored by TeamCBC and for the benefit of the National MS Society.

* Location: Inside-Out Sports, 2002 Grisdale Ln., Cary, NC 27513

* Ham Coordinator: John Stone (K3RHJ)

* Website: [TeamCBC](#)

* **TO VOLUNTEER FILL OUT THE FORM FORM AT <http://www.rars.org/public-service.php>**

2017 WALK MS

April 8, 2017 - Saturday - Raleigh, NC

This is a walking event, one or three miles around PNC Arena. Sponsored by the MS Society. Shadows and Rest Stop Hams are typically needed at 7:30 AM, with the even wrapping up around noon.

* Location: PNC Arena, 1400 Edwards Mill Rd., Raleigh, NC 27607

* Ham Coordinator: Brian Young (KA9QJT)

* Website: [MS Walk](#)

* **TO VOLUNTEER FILL OUT THE FORM FORM AT <http://www.rars.org/public-service.php>**

2017 RARSfest

April 15, 2017 - Saturday - Raleigh, NC

RARS Classified

Icom 7600 and amplifier

Posted March 6th, 2017 by: K4LXV

Contact: k4lxv@twc.com

Icom 7600 Transceiver and box w/ latest software.\$2050.

Henry 2K amplifier w/ 2-400Z tubes in final. Peter Dahl Plate xfmr. Operates on 110 or 220 volts \$800.

Radios/Ham equipment for sale

Posted February 24th, 2017 by: W4YC

Contact: globaledal@aol.com

HF radios, test equipment, antennas, etc. for sale. Call W4YC at 919-846-1515 for dates and times for private showing. Location is 1308 Hunting Ridge Road, Raleigh. North Raleigh, off Falls of Neuse Road in North Ridge subdivision. Ed Engebretson W4YC

Spring & Summer 2017 fast approaching! Get ready for your outdoor antenna project!

Posted February 12th, 2017 by: W4EMD

Contact: athr02@gmail.com

5 ft and 10 ft long antenna steel masts in brand new condition with tapered ends that can be joined together either end to end to extend length, or joined in parallel. Each piece is 1-1/4 (1.25) inch diameter. I have some 10 feet sections that are joined in parallel to increase strength and rigidity.

5 feet ----- \$8.50 per piece

10 feet ----- \$15.00 per piece

10 feet Double ----- \$25.00 per piece

Will discount for buying all.

call 910-670-6789 or email w4emd@arrl.net

RARS Classified

Complete HF setup, Yaesu 897D

Posted February 11th, 2017 by: KG4ZYA

Contact: scmorris@gmail.com

Everything you need except a license.

Yaesu 897D in very good condition. Non-smoking household.

MFJ 962D tuner

MFJ 4125P switching power supply

Copper Jpole for 2m/70cm (kept indoors so still shiny)

Buxcomm Carolina windom 40m (never deployed outside)

Feed line/ jumpers for both antenna

Dummy load

\$1200

For sale: microHAM microKEYER II

Posted February 11th, 2017 by: K3TD

Contact: tdanley@centurylink.net

microHAM microKEYER II multi-mode USB interface and sound card plus the DB37-IC-RS8 cable for the ICOM IC-7700 radio for \$350.00

NOTE: will discount the microKEYER II by \$100.00 IF purchased with the ICOM IC-7700 I also have listed for sale. BOTH items for \$3,750.00

Thanks and 73,

Tad, K3TD

RARS Classified

For sale: ICOM IC-7700

Posted February 11th, 2017 by: K3TD

Contact: tdanley@centurylink.net

I'm the original owner, am a non-smoker and purchased the radio 7 years ago. The radio is capable of 200 watts on 160 - 6 meters (50 watts AM) and has an incredible receiver. It is in superb physical and operating condition, with just a few minor scratches on the bottom side of the case. The s/n is 0201628. It has the latest firmware version 2.10 which added features such as waterfall display in addition to the spectrum scope, USB mouse operation, audio scope functionality and remote control of transceiver functionality.

\$3500.00 including delivery with 150 miles of Raleigh

Kenwood TM-710A with extras

Posted February 9th, 2017 by: KG4ZYA

Contact: scmorris@gmail.com

Selling my trusty Kenwood transceiver after selling the vehicle it was installed in.

TM-710A, Green labs GPS module , Feed line and antenna , \$450

Edit: in very good shape. Original box and manuals included.

Dentron Clipperton L

Posted February 9th, 2017 by: W4AUV

Contact: w4auv@bellsouth.net

This is fire in the wire for sure!!

This amp will do a KW out on most bands. It also has the tuned input board. I have installed a hum reduction modification. See this link: http://www.w2xc.com/Clipperton_L_Hum_Mod.htm

I also have the original manual.

Asking \$375

Thanks for viewing.